



Microscope & Wet Mount



CLASS SCHEDULE

Day 1 – Brightfield Microscopy

8:30 AM Class Begins Promptly

Morning Session:

Opening and Introductions

Pre-Test and Review

Parts of Microscope Breakdown

Break

Microscope Power Point Lecture

Koehler Illumination

Lunch

Afternoon Session:

Koehler Illumination continued

Basic Microscope Exercises and Review

Break

Cleaning of Microscope

Program Evaluation Sheets

~4:00-4:30 PM Adjourn

MICROSCOPE CLASS OBJECTIVES

- Understand the microscope setup for brightfield microscopy.
- Manipulation of objectives, eyepieces and condensers.
- Understand and perform Koehler illumination.
- Focus of 10X and 40X objectives.
- Proper cleaning, transport and storage of the microscope.
- *Understand that being competent to perform any microscope procedure is dependent on your dedication to remain current with hands on experience.

CLASS SCHEDULE

Day 2 – Wet Mount

8:30 AM Class Begins Promptly

Morning Session:

Koehler Illumination Procedure with Grading

Wet Mount Power Point Lecture

Break

Mucorex specimen practice & cellular identification

Lunch

Afternoon Session:

Example slide identification with microscope camera

Example Tests and PT examples - Review

Break

Program Evaluation Sheets

Cleaning of Microscope

Grading of Microscope Cleanliness

Competency Exam

Break (while grading)

Review of Exam

~4:00-4:30 PM Adjourn

WET MOUNT CLASS OBJECTIVES

- Determine normal and abnormal vaginal conditions.
- Recognize the three most common etiologies of infectious vaginitis and identify each.
- Examination and identification of pertinent cellular elements.
- Correct reporting and documentation of wet mount elements.